

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(2 \times 1) + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (4 \times \frac{1}{100,000,000}) + (8 \times \frac{1}{1,000,000,000})$

2. $(4 \times 1) + (4 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (7 \times \frac{1}{10,000,000}) + (9 \times \frac{1}{100,000,000}) + (1 \times \frac{1}{1,000,000,000})$

3. $(7 \times 1) + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (6 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000}) + (5 \times \frac{1}{1,000,000,000})$

4. $(4 \times 1) + (1 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (1 \times \frac{1}{100,000,000}) + (4 \times \frac{1}{1,000,000,000})$

5. $(5 \times 1) + (6 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (2 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (1 \times \frac{1}{100,000,000}) + (2 \times \frac{1}{1,000,000,000})$

6. $(6 \times 1) + (8 \times \frac{1}{10}) + (3 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (5 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000}) + (5 \times \frac{1}{1,000,000,000})$

7. $(2 \times 1) + (3 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (2 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000}) + (7 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000}) + (2 \times \frac{1}{1,000,000,000})$

8. $(1 \times 1) + (8 \times \frac{1}{10}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{1,000,000}) + (9 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000}) + (3 \times \frac{1}{1,000,000,000})$

9. $(1 \times 1) + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (2 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{1,000,000,000})$

10. $(3 \times 1) + (8 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (6 \times \frac{1}{1,000,000}) + (3 \times \frac{1}{10,000,000}) + (3 \times \frac{1}{100,000,000}) + (8 \times \frac{1}{1,000,000,000})$

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(2 \times 1) + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (4 \times \frac{1}{100,000,000}) + (8 \times \frac{1}{1,000,000,000})$

2.575341448

2. $(4 \times 1) + (4 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (7 \times \frac{1}{10,000,000}) + (9 \times \frac{1}{100,000,000}) + (1 \times \frac{1}{1,000,000,000})$

4.478259791

3. $(7 \times 1) + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (6 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000}) + (5 \times \frac{1}{1,000,000,000})$

7.947422675

4. $(4 \times 1) + (1 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (1 \times \frac{1}{100,000,000}) + (4 \times \frac{1}{1,000,000,000})$

4.177731814

5. $(5 \times 1) + (6 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (2 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (1 \times \frac{1}{100,000,000}) + (2 \times \frac{1}{1,000,000,000})$

5.062002812

6. $(6 \times 1) + (8 \times \frac{1}{10}) + (3 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (5 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000}) + (5 \times \frac{1}{1,000,000,000})$

6.803800555

7. $(2 \times 1) + (3 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (2 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000}) + (7 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000}) + (2 \times \frac{1}{1,000,000,000})$

2.340274762

8. $(1 \times 1) + (8 \times \frac{1}{10}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{1,000,000}) + (9 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000}) + (3 \times \frac{1}{1,000,000,000})$

1.805008963

9. $(1 \times 1) + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (2 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{1,000,000,000})$

1.432149208

10. $(3 \times 1) + (8 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (6 \times \frac{1}{1,000,000}) + (3 \times \frac{1}{10,000,000}) + (3 \times \frac{1}{100,000,000}) + (8 \times \frac{1}{1,000,000,000})$

3.871106338